

# Entertainment Games in TI BASIC and Extended BASIC

Congratulations on your decision to use these pre-recorded, fully debugged programs on your TI-99/4A!

This high-quality cassette is ready to run without any modification, and contains every program you see in the book. With it, you'll be able to enjoy many additional hours running and modifying programs instead of spending that time manually keying-in each program from the book and looking for any typing errors afterward.

This tape has been recorded on two sides. Side 1 is a listing of the programs exactly as they appear in the book. Many of the programs could contain additional entries to improve operation and provide additional features. If your interest is in programming, use this side of the tape. Then make your own additions and changes to the basic program so you can see just what happens when these changes are made. Side 2 is an "enhanced" version of the programs. This version contains additions to the basic programs to provide more error checking and easier operation for those users whose primary interest is not in programming. However, for the programmer, this side will also provide a handy learning tool. By comparing the two sides of the tape, you can see the enhancements made to provide for good programming practices and incorporate similar procedures in your own programs.

## HOW TO LOAD THESE CASSETTE PROGRAMS INTO YOUR TI-99/4A

This tape will load according to the OLD instructions in your **TI-99/4A User's Reference Guide** (the one that came with your computer). Briefly, here's what to do:

1. Connect and power up your TI-99/4A, a TV screen, and cassette recorder(s). Set the tape counter on CS1 to zero and insert the cassette. With your TI-99/4A in Command Mode, type **OLD CS1** and press ENTER.
2. Your screen will show a series of instructions, the first of which tells you to rewind the cassette. Instead of rewinding, proceed to the next step on this sheet.
3. Suppose the name of the program you want to load is **Cosmic Guns**, which should be ready to load when 065 appears on the tape counter. Using the "Fast Forward" control on Recorder CS1, run the tape ahead until the counter indicates 065. Stop the tape. Press ENTER.
4. Now proceed with the next screen instruction, which is **PRESS CASSETTE PLAY**. Depress the "Play" button on the recorder. Then press ENTER on the computer.
5. Your screen will display **READING** as the program **Cosmic Guns** is loaded and checked. On completion, you'll see **DATA OK**, followed by **PRESS CASSETTE STOP . . . THEN PRESS ENTER**. Depress the "Stop" button on the recorder. Then press ENTER on the computer. Your program is now loaded into memory, ready for running.

## FINDING PROGRAMS ON THE TAPE

The counter numbers will vary from recorder to recorder. For your convenience, the program locations on a given recorder for side 1 are given below. If you find your numbers agree, use these numbers when loading in programs. In the event your counter gives a different reading, the list can still be used to give the order of the programs and, through interpretation of your numbers, can help in finding the approximate location. Be sure to note any differences for your future reference.

**CAUTION:** Before you try to run any of the programs using Extended BASIC be sure to reread page 12 if you do not have the memory expansion unit. You will need to make the changes listed under "Memory Expansion" before the programs will run without the Memory Expansion unit.

## PROGRAMS ON SIDE, WITH LOCATIONS

### TI BASIC

S*A*M .....	000
Gold Bag .....	020
Arrow Zap .....	034
Cosmic Guns .....	065
Typing Skill .....	096
Spelling Test .....	107

### Address Inventory

Address Inventory Initialization .....	123
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Address Inventory .....	129
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### Word Search

Word Search Input .....	154
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Word Search .....	162
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Skeet Shoot .....	175
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### Extended BASIC

Biorhythm .....	198
Destroyer Phoenix .....	225
Gunner .....	248
Space Battle .....	272
Auto Sprite Definition .....	287
Killer Crab Attack .....	310
Home Bound .....	327
Dungeon .....	377
Help .....	426
Black Tunnel .....	451
Meteor Rescue .....	473

The programs in the ENHANCED VERSION of the tape (Side 2) are listed in the same sequence as above, but they will not be at the same tape location. (See the screen menu for approximate locations.)

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### **TI-99/4A: 24 BASIC PROGRAMS**

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